

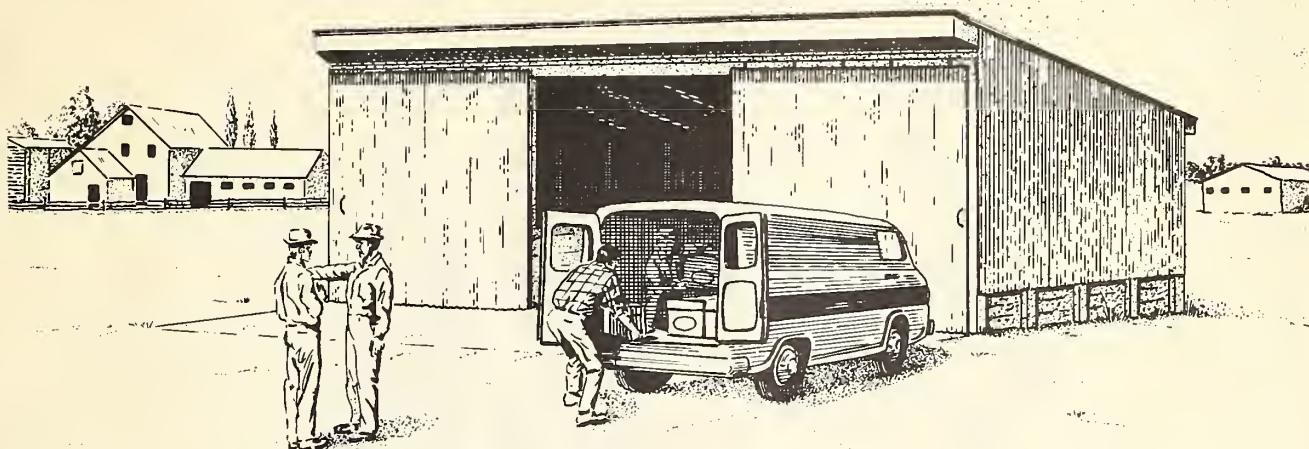
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# BULK STORAGE SHED

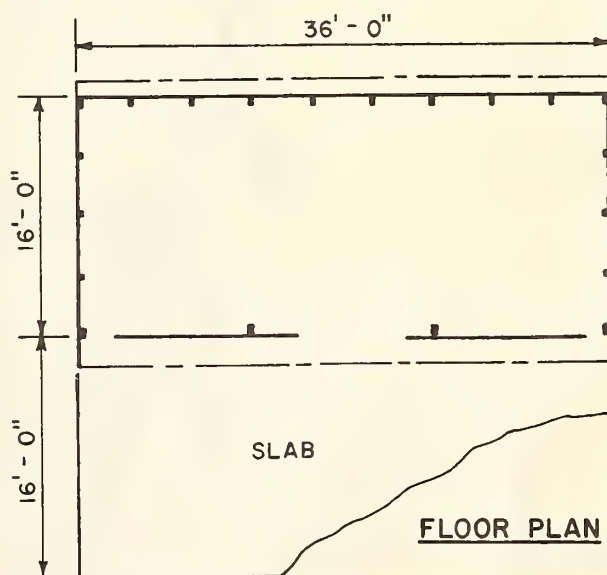


This single-story, wooden frame structure contains three 12-by 16-foot bents that will provide for the storage of 20 or more tons of different materials in each bent. A 16-foot concrete slab in front of the building allows maneuverability of equipment in all kinds of weather. The storage floor is raised above the surrounding terrain to provide water drainage away from the storage.

For economy of construction and durability of frame and walls, timber column or a pressure-preservative-treated post frame is used. The extra rafter at interior columns allows a roof load in excess of 30 lb/in<sup>2</sup> with allowable bending stress of 1,200 lb/in<sup>2</sup>. All materials in contact with the pile of fertilizer except nails are corrosion resistant. Natural ventilation under the roof is provided

with rear and front soffit openings.

The plan provides a perspective view with an expanded door detail, floor plan, cross section, and rafter anchorage detail. Critical features at doorposts and door track are expanded from the floor plan and cross section.



Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university. ORDER PLAN NO. 6176, BULK STORAGE SHED.

Washington, D.C.

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